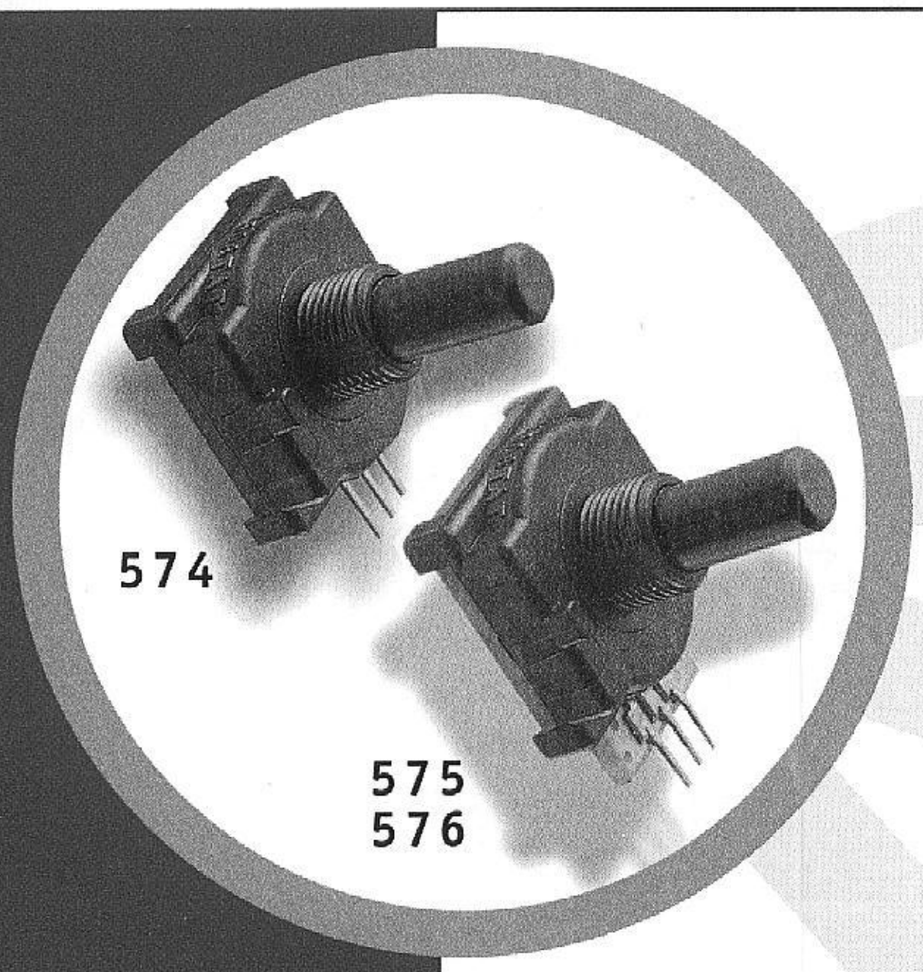
Model 574, 575, 576

NEW



FEATURES:	574	575	576
Flat-pak Type	Low mount	Square	Long-life
Rotational Life	50K cycles	50K cycles	2M cycles
Grid Type	.100	.100/.200	.100/.200
Terminals	PC	PC & S.H.	PC & S.H.

- *Conductive Plastic Element*
- *Quiet Electrical Output*
- *Smooth Feel*
- *Robust Construction*

Electrical

RESISTANCE RANGE:
100Ω to 2.5 megΩ- Linear
500Ω to 1.0 megΩ- Non-linear

RESISTANCE TOLERANCE:
±20% Standard
±10% Optional

LINEARITY:
±5% Independent

POWER RATING:
Bushing Mount
0.5 Watt @ 70°C- Linear Taper
0.25 Watt @ 70°C- Non-Linear Taper
PC Mount
0.25 Watt @ 70°C
Derate to 0 Watt @ 120°C

EFFECTIVE ROTATION:
270° Nominal

MINIMUM RESISTANCE:
4Ω Max. Each End- Linear
4Ω Max. Low End,
1% High End- Non-Linear

MAXIMUM CONTINUOUS WORKING VOLTAGE:
350 VAC

DIELECTRIC WITHSTANDING VOLTAGE:
Sea Level- 750 VAC
70000 Feet- 350 VAC

DYNAMIC NOISE (CRV):
2% of Rt Standard- Linear

Mechanical

CONSTRUCTION:
Mounting- Bushing or PC
Locating Pin- @ 9 o'clock
"B" Type Mtg. Bracket
"C" Type Mtg. Bracket
Not Sealed for Washing
Detents- Center, 20, None, Left & Right
Shaft Variations- See Diagram
Special shaft ends available

TERMINALS:
Number- 3 In Line
Strength- 2 lb Push & Pull
Taps- Center tap

MECHANICAL ROTATION:
300° ± 5°

TORQUE:
Operating- 0.2 to 2.5 oz. in.,
Stop- 8 in. lbs
Mounting- 7 in. lbs

Environmental

STORAGE TEMPERATURE:
-40°C to +120°C
TEMPERATURE CYCLING:
-40°C to +120°C
(4% Δ Rt)
LOAD LIFE:
1000 hrs. Rated Load @ 70°C
10% Δ Rt
ROTATIONAL LOAD LIFE:
10% Δ Rt Max at Rated Cycle Life
HUMIDITY:
85% R.H. @ 40°C, 240 hours,
per MIL STD
103B Test Condition A

ISO 9001 CERTIFIED

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